



Cite this: *Chem. Commun.*, 2015, 51, 17483

Correction: A flow cytometer-based whole cell screening toolbox for directed hydrolase evolution through fluorescent hydrogels

Nina Lülldorf,^a Christian Pitzler,^b Michael Biggel,^b Ronny Martinez,^c Ljubica Vojcic^b and Ulrich Schwaneberg^{*ab}

DOI: 10.1039/c5cc90528a

www.rsc.org/chemcomm

Correction for 'A flow cytometer-based whole cell screening toolbox for directed hydrolase evolution through fluorescent hydrogels' by Nina Lülldorf *et al.*, *Chem. Commun.*, 2015, **51**, 8679–8682.

The substitutions in the BSLA variant L2 (R60Q, S166G) were erroneously listed in Table 1 of the original manuscript. A corrected version of Table 1 is given below.

Enzyme (substitution)	K_M [μM]	k_{cat} [1 s^{-1}]	$U \text{ g}^{-1}$ [$\text{mmol s}^{-1} \text{ g}^{-1}$]
<i>p</i> NBEBL wildtype	540 ± 170	26 ± 1	481 ± 24
E1 (E256G, G401V)	270 ± 50	186 ± 4	3415 ± 68
E2 (F313S)	300 ± 100	169 ± 7	3106 ± 107
Enzyme (substitution)	K_M [μM]	k_{cat} [1 s^{-1}]	$U \text{ mg}^{-1}$ [$\mu\text{mol min}^{-1} \text{ mg}^{-1}$]
BSLA wildtype	1259 ± 92	3.4 ± 0.1	10.7 ± 0.3
L1 (Y139D)	1893 ± 241	4.3 ± 0.2	13.4 ± 0.7
L2 (R57Q, S163G)	1807 ± 243	4.2 ± 0.2	13.1 ± 0.7
Enzyme (substitution)	K_M [μM]	k_{cat} [1 s^{-1}]	$U \text{ mg}^{-1}$ [$\mu\text{mol min}^{-1} \text{ mg}^{-1}$]
CelA2 wildtype	170 ± 8	0.15 ± 0.02	0.14 ± 0.02
C1 (V37A, E275G, E398V)	189 ± 9	0.26 ± 0.03	0.22 ± 0.03
C2 (N135S)	172 ± 9	0.26 ± 0.03	0.23 ± 0.03

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

^a DWI-Leibniz Institut für Interaktive Materialien, Forckenbeckstraße 50, 52056 Aachen, Germany

^b Lehrstuhl für Biotechnologie, RWTH Aachen University, Worringerweg 3, 52074 Aachen, Germany. E-mail: u.schwaneberg@biotec.rwth-aachen.de; Fax: +49 241 80 22387; Tel: +49 241 80 24170

^c EW-Nutrition GmbH, Nattermannallee 1, 50829 Köln, Germany

